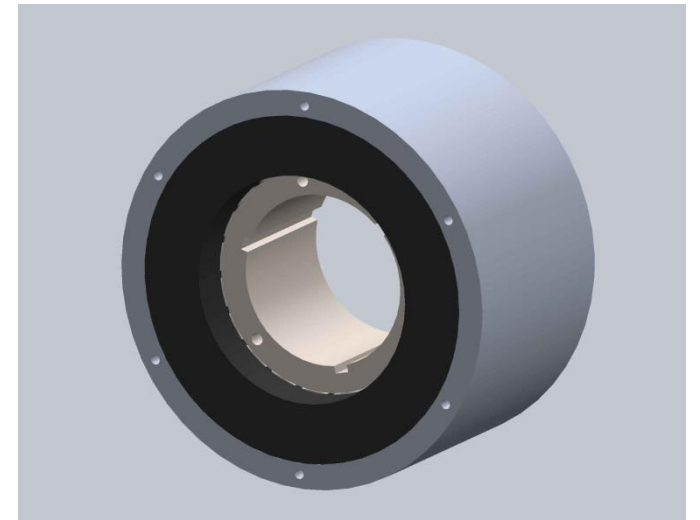


# 200W FRAMELESS - PERMANENT MAGNET SYNCHRONOUS MOTORS FROM MEGH NEEL



# FRAMELESS - IR120-214W-240 RPM-S1

## Highlights

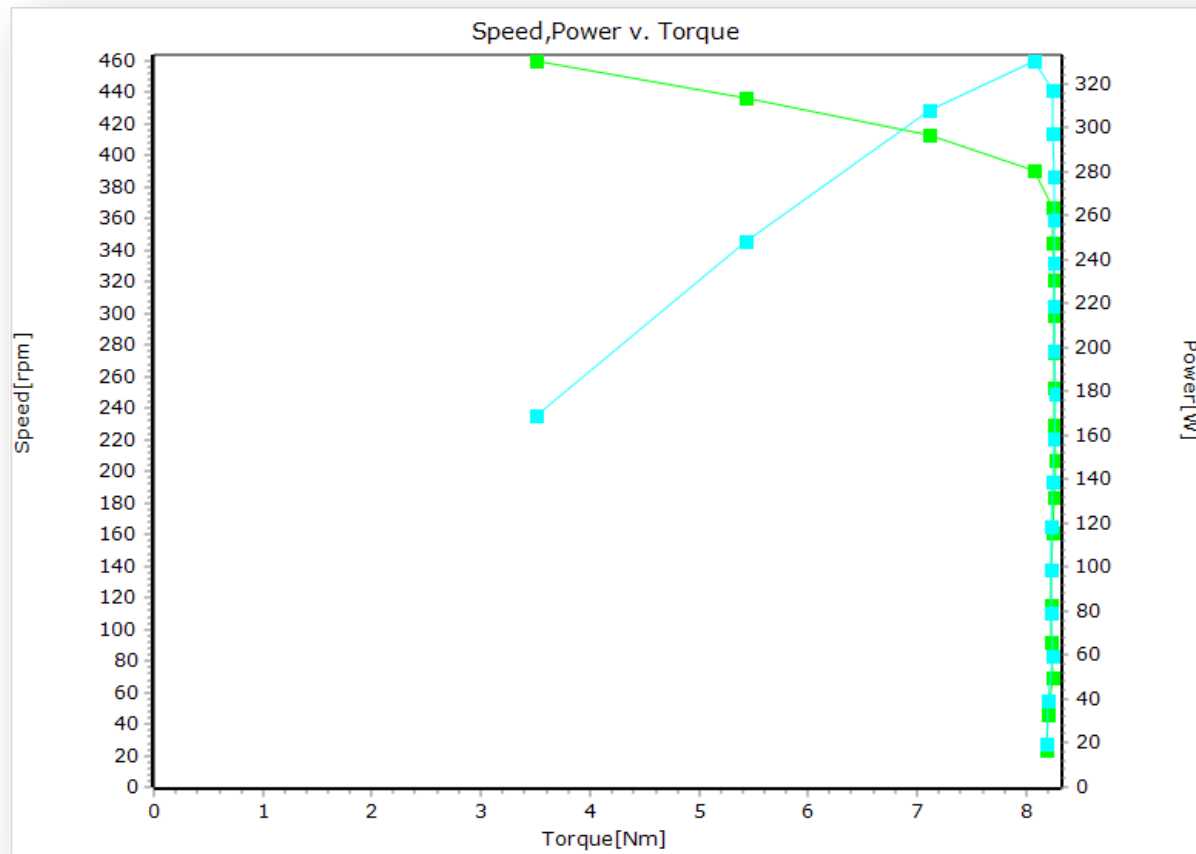
- ✓ Frameless Permanent Magnet Synchronous Motor
- ✓ 150W-540Watts (Input), 240 RPM
- ✓ In-runner rotor
- ✓ Operating temperature up to 80°C
- ✓ External Control with Sensor / sensor-less commutation
- ✓ Made in Coimbatore, India

## Specifications

Parameter	Value
Rated Voltage	12 VDC
Rated Current	18 A
Peak Current	70 A
Rated Power (Output)	207 Watts
Rated Speed (RPM)	240 RPM
Rated Torque (Nm)	8.24 Nm
Peak Torque (Nm)	23.78 Nm
No Load RPM	459 RPM
Current Density (A/square mm)	6 A/square mm
Variable Speed Range	0-459 RPM
Stator Dimensions	140 mm diameter x 80 mm width
Rotor Dimensions	79 mm OD x 60 mm ID x 50 mm Axial Length OR 79 mm OD x 20 mm ID (for Shaft with keyway)
Number of Slots & Poles	12 Slot 10 Pole
Efficiency	> 95%
Duty Cycle	S1-Continuous
Country of Origin	India



## Performance Curve



## Dimensions for Shaft Type: Hollow Shaft



# FRAMELESS - IR120-214W-240 RPM-S2

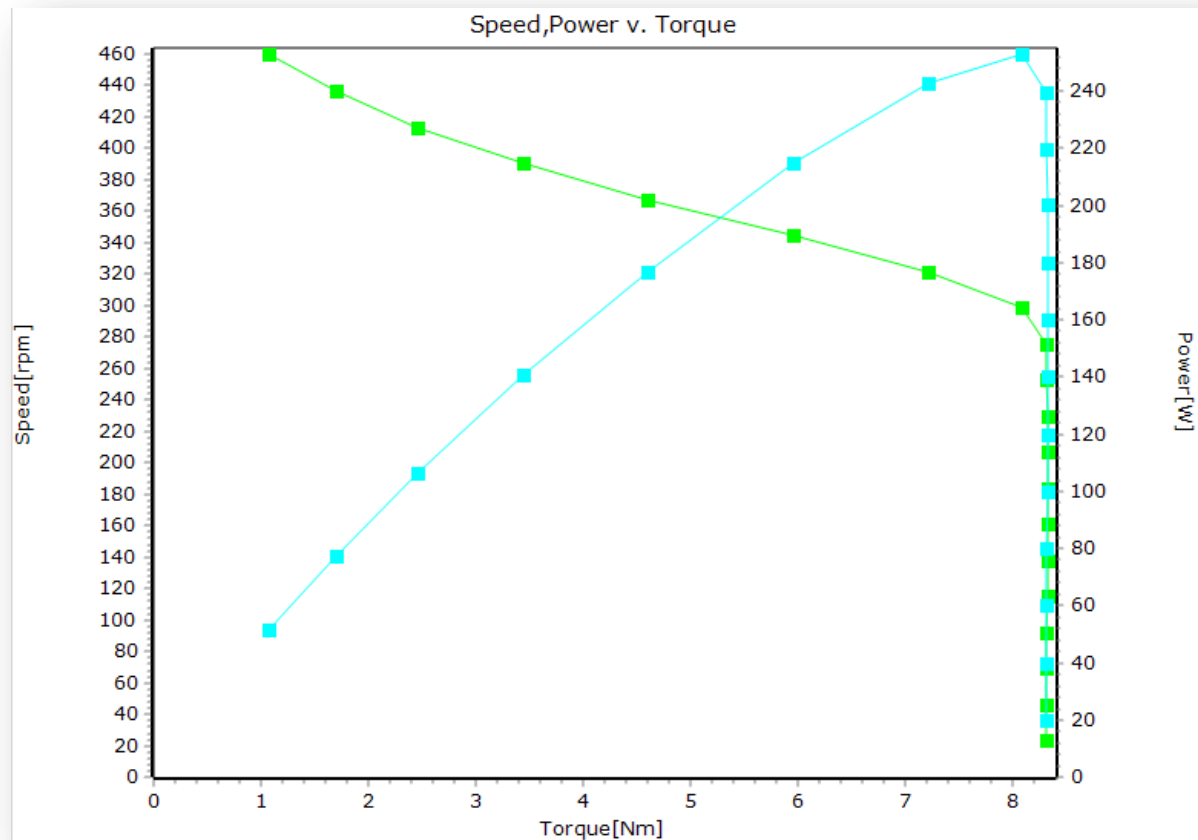
## Highlights

- ✓ Frameless Permanent Magnet Synchronous Motor
- ✓ 150W-540Watts (Input), 240 RPM
- ✓ In-runner rotor
- ✓ Operating temperature up to 80°C
- ✓ External Control with Sensor / sensor-less commutation
- ✓ Made in Coimbatore, India

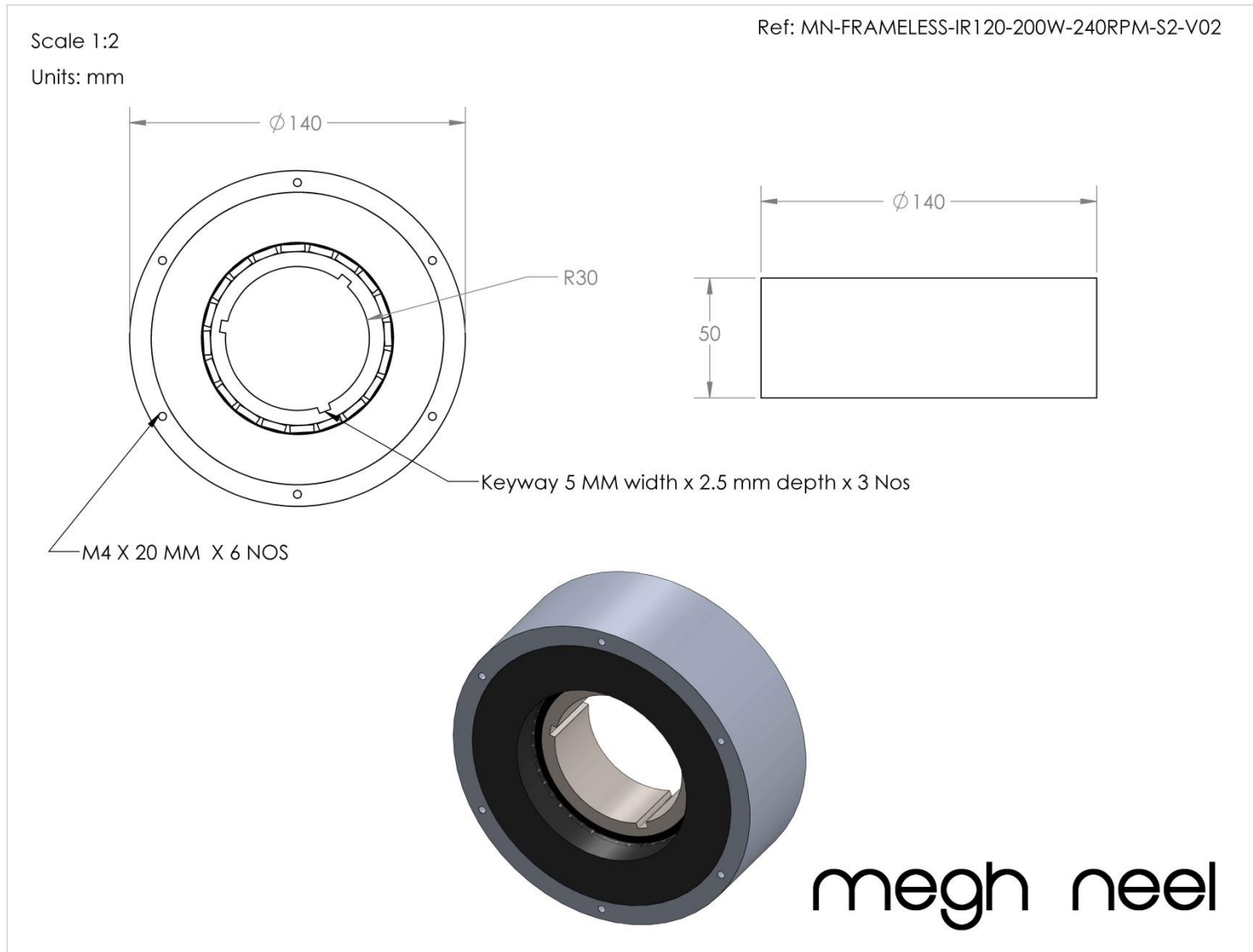
## Specifications

Parameter	Value
Rated Voltage	12 VDC
Rated Current	18 A
Peak Current	50 A
Rated Power (Output)	210 Watts
Rated Speed (RPM)	240 RPM
Rated Torque (Nm)	8.32 Nm
Peak Torque (Nm)	15 Nm
No Load RPM	459 RPM
Current Density (A/square mm)	11.8 A/square mm
Variable Speed Range	0-459 RPM
Stator Dimensions	140 mm diameter x 60 mm width
Rotor Dimensions	79 mm OD x 60 mm ID x 25 mm Axial Length
Number of Slots & Poles	12 Slot 10 Pole
Efficiency	> 95%
Duty Cycle	S2 – Short Time
Country of Origin	India

## Performance Data



## Dimensions for Shaft Type: Hollow Shaft



## Contact Information

### Registered Office:

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